

Converting Colors

XYZ(43.8342, 48.6586, 45.9691)

Have a look what the booklet for
XYZ(43.8342, 48.6586, 45.9691)
contains.

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Color

**XYZ(44.0041, 48.8387,
46.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BDAC
RGB	178, 189, 172
RGB Percent	70%, 74%, 67%
CMY	0.3020, 0.2588, 0.3255
CMYK	0.06, 0.00, 0.09, 0.26
HSL	99°, 11%, 71%
HSV	99°, 9%, 74%
XYZ	44.0041, 48.8387, 46.1373
YIQ	183.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

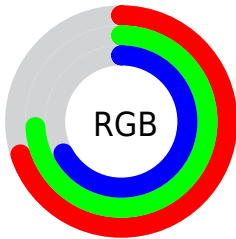
Format	Color
R _Y B	172, 189, 183
Decimal	11713964
CIE Lab	75.35, -6.95, 7.28
CIE LCh	75, 10.068, 133.674
Yxy	48.8387, 0.3166, 0.3514
Android (android.graphics.Color)	4289904044 (0xFFB2BDAC)
YUV	183.7730, -5.8041, -5.0629
Hunter-Lab	69.8847, -9.9026, 9.7765

Details

The XYZ color **44.0041, 48.8387, 46.1373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4681, 43.2478, 54.2032**, and the grayscale version is **45.4673, 47.8351, 52.0924**.

A 20% lighter version of the original color is **80.4492, 88.3433, 85.4849**, and **20.6518, 23.3244, 21.1829** is the 20% darker color. If you saturate the color by 10%, you get **39.6344, 46.7825, 37.1217**, and if you desaturate by 10%, it is **48.8850, 51.1314, 56.5265**.

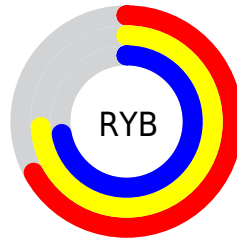
Distribution



Red (70%)

Green (74%)

Blue (67%)



Red (67%)

Yellow (74%)

Blue (72%)

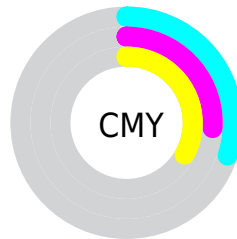


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0041, 48.8387, 46.1373 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.0041, 48.8387, 46.1373 by changing the saturation by 10% instead.

■ 44.0041, 48.8387,
46.1373

■ 44.0041, 48.8387,
46.1373

353.5769,
382.1070, 387.6540

■ 30.8717, 34.4915,
32.0047

■ 80.4702, 88.4518,
85.7609

■ 20.6525, 23.2715,
21.1003

104.5346,
114.4866, 112.0890

■ 12.9812, 14.7941,
13.0054

132.9737,
145.1861, 143.3194

■ 7.4925, 8.6750,
7.3015

166.1528,
180.9345, 179.8705

■ 3.8210, 4.5298,
3.5700

204.4374,
222.1165, 222.1610

■ 1.6014, 1.9741,
1.3926

248.1926,

■ 0.3933, 0.5924,

269.1163, 270.6094

0.1359

297.7841,
322.3183, 325.6342

■ 0.0000, 0.0000,
0.0000

■ 44.0041, 48.8387,
46.1373

■ 44.0041, 48.8387,
46.1373

■ 39.6344, 46.7825,
37.1217

■ 48.8850, 51.1314,
56.5265

■ 35.7544, 44.9488,
29.4192

■ 54.2895, 53.6617,
68.3401

■ 32.3473, 43.3315,
22.9693

■ 60.2347, 56.4385,
81.6304

■ 29.3932, 41.9221,
17.7057

■ 66.7355, 59.4686,
96.4458

■ 26.8711, 40.7112,
13.5558

■ 71.8982, 61.9951,
102.7846

■ 24.7581, 39.6886,
10.4391

■ 76.1722, 64.1985,
102.9846

■ 23.0284, 38.8433,
8.2645

■ 77.4885, 64.8771,
103.0462

■ 21.6531, 38.1626,
6.9246

■ 20.5873, 37.6273,
6.2322

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.5831, 48.8387, 43.8715



44.0041, 48.8387, 46.1373



43.0859, 48.8387, 50.3618

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0041, 48.8387, 46.1373



45.4260, 48.8387, 63.5757



49.9660, 48.8387, 50.8027

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.0041, 48.8387, 46.1373



43.4681, 43.2478, 54.2032

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.9213, 48.8387, 56.0953



44.0041, 48.8387, 46.1373



47.2665, 48.8387, 63.7134

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.0041, 48.8387, 46.1373



43.8917, 48.8387, 60.5342



48.9222, 48.8387, 60.8988



49.0429, 48.8387, 46.4415

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0041, 48.8387, 46.1373



42.9563, 48.8387, 53.8332



48.9222, 48.8387, 60.8988



50.0644, 48.8387, 52.5263

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.0054, 48.8408, 46.1384



83.8960, 89.8585, 93.3932



45.3200, 47.5701, 45.8238



17.8889, 19.2521, 19.7586



90.7827, 95.5105, 104.0109



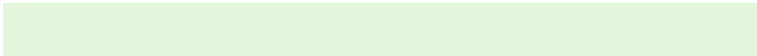
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.0054, 48.8408, 46.1384



77.0267, 86.6309, 78.9036



42.8783, 48.2344, 47.2320



9.7179, 10.8090, 10.1508



13.8630, 25.3225, 4.1571



0.6150, 1.0290, 0.1662

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.4681, 43.2478, 54.2032



75.8486, 74.3698, 96.5834



44.6817, 43.9016, 52.9853



9.5944, 9.5233, 12.0047



11.6951, 5.3151, 32.8024



0.5266, 0.2435, 1.2881

Previews

White Background



This preview shows how the XYZ color 44.0041, 48.8387, 46.1373 looks on a white background.

Color Contrast Check

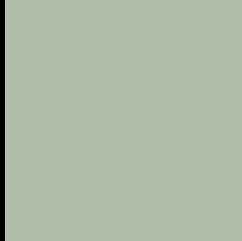
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.0041, 48.8387, 46.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

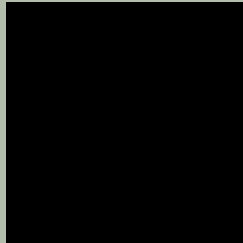
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

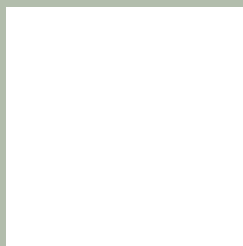
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0041, 48.8387, 46.1373

Background



This preview shows how black text looks on a background with the XYZ color 44.0041, 48.8387, 46.1373.



This preview shows how white text looks on a background with the XYZ color 44.0041, 48.8387,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.0041, 48.8387, 46.1373

Protanopia

46.3429, 48.8067, 45.0083

Deuteranopia

49.7725, 48.7061, 46.8223



Tritanopia

47.0657, 48.8131, 61.5848

Trichromacy



Original Color

44.0041, 48.8387, 46.1373

Protanomaly

45.4031, 48.6229, 45.5202

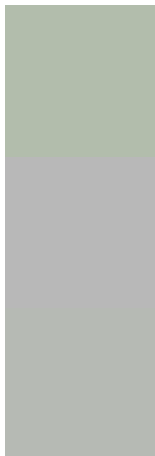
Deuteranomaly

47.5023, 48.7544, 46.4421

Tritanomaly

45.9092, 48.6593, 55.6877

Monochromacy



Original Color

44.0041, 48.8387, 46.1373

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.0885, 48.3582, 50.1377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0041, 48.8387, 46.1373 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(178, 189, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 189, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.0041, 48.8387, 46.1373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 189, 172) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(178, 189, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(178, 189, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(178, 189,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0041, 48.8387, 46.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 189, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
189, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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